

MATERIAL SAFETY DATA SHEET

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03

Revision Number: 1.0

Issue Date: 07/12/2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name:

Chemical Name

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Company:

Internet

E-mail

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Physical Hazards

Not classified.

Health Hazards

STOT Rep. Exp. 2

Environmental Hazard

Not classified.

OSHA Regulatory Status

Specific Target Organ Toxicity Repeated Exposure Category 2

2.2. Label elements

Symbols/Pictogram



Signal Word

Warning

Hazard Statements

May cause damage to lungs through prolonged or repeated exposure.

Precautionary Statements

Prevention

Employ good industrial hygiene practice

Safety Data Sheet

Page 2 of 8

Issue Date: 07/12/2016

Revision Number: 1.0

Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wear protective gloves/protective clothing/eye protection/NIOSH N95 respirator.

Response IF ON SKIN: Wash with plenty of soap and water. Get medical advice/attention if you feel unwell.

Storage Store away from incompatible materials.

Disposal Dispose in accordance with local and national regulations.

Hazards not otherwise classified Not classified.
(HNOC)

SECTION 3: Composition/information on ingredients

Chemical Name	CAS Number	TSCA:
	None	PMN pending

SECTION 4: First aid measures

4.1. Description of first aid measures

General Advice Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Eye Contact In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Skin Contact Wash with plenty of soap and water.

Ingestion Rinse mouth thoroughly with water.

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Aspiration hazard Not an expected route of exposure.

4.2. Most important symptoms and effects, both acute and delayed Signs and symptoms may include coughing, gasping, choking and difficulty breathing.

4.3. Indication of any immediate medical attention and special treatment needed Treatment should be symptomatic and supportive.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Water spray (fog). Foam. Dry chemical. Carbon dioxide (CO2).

Unsuitable Extinguishing Media None known.

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters

Special protective equipment for firefighters Wear a self-contained breathing apparatus and chemical protective clothing.

Fire-fighting measures In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation. Keep unauthorized personnel away.

For non-emergency personnel Keep unauthorized personnel away.

For emergency responders Keep unauthorized personnel away. Use personal protection recommended in Section 8.

6.2. Environmental precautions

Avoid runoff to waterways and sewers.

6.3. Methods and material for containment and cleaning up

Large Spill: Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Small Spill: Vacuum or sweep material and place in a disposal container.

6.4. Reference to other sections

Section 8: Exposure controls and personal protection. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Minimize dust generation and accumulation. Provide local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Use NIOSH 95 respirator in case of exposure to dust.

7.2. Conditions for safe storage, including any incompatibilities

Store away from incompatible materials. Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

OSHA PEL TWA (mg/m³) < 15 mg/m³

ACGIH TWA (mg/m³) < 10 mg/m³

EU TWA: 10ELV TWA (mg/m) < 10 mg/m³

Safety Data Sheet

Page 4 of 8

Issue Date: 07/12/2016

Revision Number: 1.0

**Predicted No Effect
Concentration (PNEC)**

No information available.

Biological Limit Values:

None

8.2. Exposure controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Provide a good standard of controlled ventilation (10 to 15 air changes per hour).

Personal protective equipment

Eye/Face Protection

Wear safety glasses with side shields (or goggles).

Skin and Body Protection

Wear suitable protective clothing.

Hand Protection

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

Respiratory Protection

For operations where exposure to dust may occur, wear a NIOSH N95 respirator.

Thermal hazards

None known.

Hygiene Measures

Follow general hygiene considerations recognized as common good workplace practices. The worker should wash daily at the end of each work shift, and prior to eating, drinking, smoking, etc.

**Environmental Exposure
Controls**

Dispose of in accordance with local regulations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State

Color

Odor

Odor Threshold

pH:

Melting Point / Melting Range

Initial Boiling Point

Freezing Point

Boiling Point

Flash Point:

Evaporation Rate

Flammability (solid, gas)

Safety Data Sheet

Page 5 of 8

Issue Date: 07/12/2016

Revision Number: 1.0

Vapor Pressure

Vapor Density

Relative Density

Density

Water Solubility

Partition coefficient
n-octanol/water (log Kow)

Autoignition Temperature

Decomposition temperature °C

Viscosity

Explosive Properties

Oxidizing Properties

9.2. Other information

Particle Size

SECTION 10: Stability and reactivity

10.1. Reactivity

None.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous
reactions

None under normal processing.

10.4. Conditions to avoid

Incompatible materials.

10.5. Incompatible materials

10.6. Hazardous decomposition
products

None known.

SECTION 11: Toxicological information

General Information

Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Information on Likely Routes of Exposure

Inhalation

Avoid inhalation of the product. Inhalation of dust may cause irritation of the respiratory system.

Skin

Avoid prolonged or repeated contact with skin.

Safety Data Sheet

Page 6 of 8

Issue Date: 07/12/2016

Revision Number: 1.0

Eyes	Avoid contact with eyes. Dust may cause mechanical irritation to eyes.
Ingestion	Ingestion is not a likely route of exposure.
Aspiration hazard	Not an expected route of exposure.
Symptoms related to the physical, chemical and toxicological characteristics	Signs and symptoms may include coughing, gasping, choking and difficulty breathing. Mild Irritant.

Symptoms Low hazard for usual industrial or commercial handling

11.1. Information on toxicological effects

Oral LD50	>5000 mg/kg (rat)
Acute Toxicity	Not classified.
Chronic Toxicity	Not classified.
Chronic Effects	Not classified.
Serious eye damage/eye irritation	No eye irritation potential.
Respiratory Sensitization	Based on available data, the classification criteria are not met.
Skin Corrosion/Irritation	Not irritating to skin.
Skin Sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Not mutagenic.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Specific target organ toxicity - Single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - Repeated exposure	STOT Rep. Exp. 2 - lungs, inhalation
Mixture versus substance information	No information available.

SECTION 12: Ecological information

- | | |
|--|--|
| 12.1. Ecotoxicity | Not classified. |
| 12.2. Persistence and degradability | Not readily biodegradable. |
| 12.3. Bioaccumulative potential | No data available. |
| Partition coefficient n-octanol/water (log Kow) | |
| Bioconcentration factor (BCF) | Not available. |
| 12.4. Mobility in soil | None. |
| 12.5. Results of PBT and vPvB assessment | This substance does not meet the criteria for classification as PBT or vPvB. |
| 12.6. Other adverse effects | None known |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- | | |
|-------------------------------|---|
| Contaminated Packaging | Empty containers should be taken to an approved waste handling site for recycling or disposal. |
| Waste codes | Waste codes should be assigned by the user based on the application for which the product was used |
| Disposal Methods | Dispose contents/container in accordance with local and national regulations. Avoid release to the environment. |

SECTION 14: Transport information

Mode of Transportation(Road, Water, Air, Rail)

- | | |
|------------|---------------|
| DOT | Not regulated |
|------------|---------------|

SECTION 15: Regulatory information

US Inventory Status

Chemical Name	CAS Number	TSCA:
[REDACTED]	None	PMN pending

US Federal Regulations

EPA

CERCLA/SARA RQ

Not listed

CAA (Clean Air Act)

Not listed

CWA (Clean Water Act)

Not listed

U.S. State Right-to-Know Regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product contains no chemicals at levels known to the State of California to cause cancer or reproductive hazards.

SECTION 16: Other information

Prepared by

[REDACTED]

Reason for Version

OSHA (Occupational Safety and Health Administration of the US Department of Labor). May 25, 2012.

Training Advice

Do not handle until all safety precautions have been read and understood.

Abbreviations and acronyms

ACRONYMS: INTERNATIONAL: ADR: International Carriage of Dangerous Goods by Road. BOD: Biochemical Oxygen Demand. CLP: Classification, Labeling and Packaging. COD: Chemical Oxygen

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet